

JUN 18 2001

**TRANSMITTAL LETTER**  
**(General - Patent Pending)**

Docket No.  
Army 142

In Re Application Of: Schmaljohn and Hooper

Serial No.

09/491,974

Filing Date

January 27, 2000

Examiner

P. Brunovskis

Group Art Unit

1632

Title: DNA Vaccines Against Hantavirus Infections

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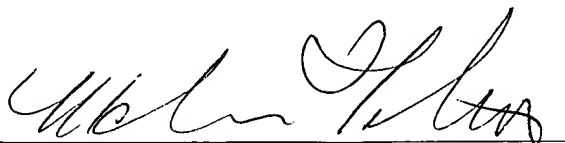
TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

- (1) Information Disclosure Statement
- (2) PTO-1449 Form
- (3) Copies of four references
- (4) Transmittal letter
- (5) Self-addressed postcard receipt listing all enclosures

in the above identified application.

- ☐ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **21-0380** as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of **\$180.00**
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.



Signature

Dated: June 15, 2001

Charles H. Harris, Reg. No. 34,616  
Attorney for Applicant  
U.S. Army Medical Research and Materiel Command  
Attn: MCMR-JA  
Fort Detrick, MD 21702-5012

Marlana K. Titus, Reg. No. 35,843  
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I certify that this document and fee is being deposited on June 15, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.




Signature of Person Mailing Correspondence

**Marlana Titus**

Typed or Printed Name of Person Mailing Correspondence

CC:

<div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p> </div>	Docket Number (Optional) <b>Army142</b>	Application Number <b>09/491,974</b>
	Applicant(s) <b>Schmaljohn and Hooper</b>	
	Filing Date <b>January 27, 2000</b>	Group Art Unit <b>1632</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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**FOREIGN PATENT DOCUMENTS**

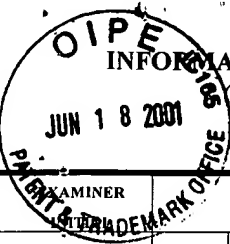
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

A	Xiao, et al., "Phylogenetic Analyses of Virus Isolates in the Genus Hantavirus, Family Bunyaviridae", Virology 198, pp.205-217 (1994).
B	Chu, et al., "Cross-neutralization of Hantaviruses with immune sera from experimentally infected animals and from hemorrhagic fever with renal syndrome and Hantavirus pulmonary syndrome patients", J. Infectious Diseases 1995, 172:1681-4.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Docket Number (Optional)		Application Number	
		Army142		09/491,974	
		Applicant(s)			
		Schmaljohn and Hooper			
		Filing Date		Group Art Unit	
		January 27, 2000		1632	
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)					
C		Chu et al., "Serological relationships among viruses in the Hantavirus genus, family Bunyaviridae", Virology 198, 196-204 (1994).			
D		McClain et al., "Clinical evaluation of a vaccinia-vectored Hantaan virus vaccine", J. Medical Virology, 60:77-85 (2000).			
EXAMINER			DATE CONSIDERED		

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
Army142

In Re Application Of: Schmaljohn and Hooper

Serial No.  
09/491,974

Filing Date  
Jan. 27, 2000

Examiner  
P. Brunovskis

Group Art Unit  
1632

Title: DNA Vaccine Against Hantavirus Infection

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Address to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
  2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☒ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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# TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Docket No.

Army142

JUN 18 2001

(Under 37 CFR 1.97(b) or 1.97(c))

Re Application Of: Schmaljohn and Hooper

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09/491,974

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P. Brunovskis

Group Art Unit

1632

Title: DNA Vaccine Against Hantavirus Infection

## Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 21-0380 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$180.00
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### Certificate of Transmission by Facsimile\*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_)

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Signature of Person Mailing Correspondence

Marlana Titus

Typed or Printed Name of Person Mailing Correspondence

\*This certificate may only be used if paying by deposit account.

Signature

Dated: June 15, 2001

Marlana Titus, Reg. No. 35,843  
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